2002

Virginia Department of Transportation Daily Traffic Volume Estimates

Special Locality Report 128

City of Roanoke

Prepared By

Virginia Department of Transportation Mobility Management Division

In Cooperation With

U.S. Department of Transportation Federal Highway Administration

Virginia Department of Transportation Mobility Management Division Traffic Monitoring Section

The Virginia Department of Transportation (VDOT) conducts a program where traffic count data are gathered from sensors in or along streets and highways and other sources. From these data, estimates of the average number of vehicles that traveled each segment of road are calculated. VDOT periodically publishes booklets listing these estimates.

One of these booklets, titled "Average Daily Traffic Volumes with Vehicle Classification Data, on Interstate, Arterial and Primary Routes" includes a list of each Interstate and Primary highway segment with the estimated Annual Average Daily Traffic (AADT) for that segment. AADT is the total annual traffic estimate divided by the number of days in the year. This booklet also includes information such as estimates of the percentage of the AADT made up by 6 different vehicle types, ranging from cars to double trailer trucks; estimated Annual Average Weekday Traffic (AAWDT), which is the number of vehicles estimated to have traveled the segment of highway during a 24 hour weekday averaged over the year; as well as Peak Hour and Peak Direction factors used by planners to formulate design criteria.

In addition to the Primary and Interstate publication, one hundred books are published periodically, one for each of 100 areas across the state defined by VDOT for record-keeping purposes. These books include traffic volume estimates for roads within the county, cities, and towns within the area. These books are titled "Daily Traffic Volumes Including Vehicle Classification Estimates, where available; Jurisdiction Report numbers 00 through 99".

Also available are a number of reports summarizing the average Vehicle Miles Traveled (VMT) in selected jurisdictions and other categories of highways. There are many different ways to present traffic volume summary information. Because the user determines the value of each presentation, the reports have been redesigned based on user requests and feedback. The people at VDOT Mobility Management's Traffic Monitoring Section who produce these books welcome requests for other helpful ways of presenting the summary information.

A compact disc (CD) is available that includes files in the Adobe® Portable Document Format (PDF) that can be displayed, searched, and printed using common desktop computer equipment. The CD includes the publications described above as well as a number of other reports, including specialized VMT summaries and smaller AADT reports for each city and town separately.

Publication Notes

Parallel Roads

For road inventory and management purposes, some roadways are counted separately by direction and have separately published traffic estimates for each direction of travel. Examples of such roadways are the interstate system and routes with separated facilities and (usually) one-way traffic facilities in urban areas. In these publications, they are referred to as parallel roads. As a convenience for the users of the publication, the listing for segments of roads with parallel segments are published with both the traffic estimates for their own direction of travel (e.g. I-95 Northbound) as well as the estimate of the total of all traffic on the same route including parallel roadways (all directions of I-95). The publication will have a "Combined Traffic Estimates for Parallel Roadways on this Route" or "Combined Traffic" identifiers for the combined direction of travel estimates.

Roadways such as I-395 with a North segment, a South segment and a separate Reversible lane segment will have the estimate for more than two parallel roadways included in the entire combined traffic estimate.

Some routes have very complicated paths through cities and towns. These parallel paths may be too complex to allow a relationship between nearby sections of the opposite direction on the same route. In this case, to indicate that the traffic estimates for such a road segment may not include all directions of traffic on that route, the line that would list the combined values will indicate "NA" for not available.

VDOT's traffic monitoring program includes more than 100,000 segments of roads and highways ranging from several mile sections of Interstate highways to very short sections of city streets. Due to problems experienced obtaining some traffic count data, and the level of quality necessary to maintain confidence in the data, no estimate is currently available for some segments of roadway. These segments are included in the publications indicating "NA" for not available. It is the intention of the VDOT's Mobility Management Traffic Monitoring group to obtain the data necessary and to report traffic volume estimates on all road segments included in these publications.

Many of the road segments in this program are local secondary roads. The amount and detail of data collected on these roads are not as great as the data collected on higher volume roads. The vehicle classification, average weekday traffic volumes, and the theoretical design hour traffic volumes are not calculated for these roads. The publications indicate "NA" for the information that is not available.

This publication is based on a traffic monitoring program initiated in 1997. Because the data collection techniques and statistical evaluation processes are different than those used in previous years, comparison with previous publications may be misleading.

Glossary of Terms:

Route: The Route Number assigned to this segment of roadway with the master inventory route number if this is an overlapping route, with official street or highway name if available.

Length: Length of the traffic segment in miles.

AADT: Annual Average Daily Traffic. The estimate of typical daily traffic on a road segment for all days of the week, Sunday through Saturday, over the period of one year.

QA: Quality of AADT:

- A Average of Complete Continuous Count Data
- B Average of Selected Continuous Count Data
- F Factored Short Term Traffic Count Data
- G Factored Short Term Traffic Count Data with Growth Element
- H Historical Estimate
- M Manual Uncounted Estimate
- N AADT of Similar Neighboring Traffic Link
- O Provided By External Source
- R Raw Traffic Count, Unfactored

4Tire: Percentage of the traffic volume made up of motorcycles, passenger cars, vans and pickup trucks.

Bus: Percentage of the traffic volume made up of busses.

2Axle Truck: Percentage of the traffic volume made up of 2 axle single unit trucks (not including pickups and vans).

3+Axle Truck: Percentage of the traffic volume made up of single unit trucks with three or more axles

1Trail Truck: Percentage of the traffic volume made up of units with a single trailer.

2Trail Truck: Percentage of the traffic volume made up of units with more than one trailer.

QC: Quality of Classification Data:

- A Average of Complete Continuous Count Data
- B Average of Selected Continuous Count Data
- C Short Term Classified Traffic Count Data
- F Factored Short Term Traffic Count Data
- H Historical Estimate
- M Mass Collective Average
- N Classification Estimates of Similar Neighboring Traffic Link

Peak Hour: The estimate of the traffic volume for the 30th highest traffic volume occurring in a one-year period divided by the AADT for the same one-year period.

QK: Quality of the Peak Hour estimate:

- A Factor based on 30th Highest Hour Observed During 12 Months of Continuous Traffic Data
- B Factor based on 30th Highest Hour Observed During Less than 12 Months of Continuous Traffic Data
- Factor based on Highest Hour Collected at in a 48 Hour Weekday Period
- M Factor based on Manual Estimate of 30th Highest Hour
- N Peak Hour Factor of Similar Neighboring Traffic Link
- O Provided by External Source

Dir Factor: The estimate of the portion of the traffic volume traveling in the peak direction during the Peak Hour..

AAWDT: Average Annual Weekday Traffic. The estimate of typical traffic over the period of one year for the days between Monday through Thursday inclusive.

QW: Quality of AAWDT:

- A Average of Complete Continuous Count Data
- B Average of Selected Continuous Count Data
- F Factored Short Term Traffic Count Data
- G Factored Short Term Traffic Count Data with Growth Element
- M Manual Uncounted Estimate
- N AAWDT of Similar Neighboring Traffic Link
- O Provided by External Source

Year: Year for which the published values are appropriate. If the Quality of AADT (QA) is "R", the year is the year that the raw traffic count was collected, and if available,

Route Shield Legend

Route Systems

North
81 Interstate Route Traffic volume data for Interstate Routes and some other routes are reported separately by direction, as well as combined.

(29) US Route

7 Virginia State Route

(600) Secondary Route

Special Routes

Bus Bus - Business Route
Bypas - Bypass Route
Truck - Truck Route
ALT ALT - Alternate Route
Wve - Wve Route connector

P - Parallel Route; Southbound or Westbound direction lanes of a numbered route where they are on a different road facility than the other direction.

The VDOT Maintainenance Jurisdiction number is displayed below the Secondary Route Number if the Maintenance Jurisdiction is different than the jurisdiction in the title of the report.

				City	of Roanoke				
Route	Length	AADT	QA	Year	Route	Length	AADT	QA	Year
City of Roanoke	ECL Salem		1		City of Roanoke	2nd St		1	
Prenden Ave	1.35	22000		2002	Solom Avo	0.22	6200	J G	2002
11 Brandon Ave	1.33	22000	G	2002	Salem Ave				2002
To: From:	Edgewood St; Mud Lick Ro	i]		7	Combined Traffic:	13000	G	
11 Brandon Ave	1.03	12000	G	2002	10:	Jefferson St			
To:	Grandin Rd		1		ALT From:	ECL Salem			
From:	Brandon Ave				11 460 Melrose Ave	0.65	18000	G	2002
11 Grandin Rd	0.70	8400	G	2002	To To			1	
To:	Memorial Avenue		1		ALT From:	SR 117 Peters Creek Rd			
From:	Grandin Rd				11 460 Melrose Ave	1.75	13000	G	2002
11 Memorial Avenue	0.84	12000	В	2002	To To			7	
To:	Campbell Ave		1		ALT From:	24th St			
From:	Memorial Ave				11 460 Melrose Ave	0.41	12000	G	2002
11 Campbell Ave	0.53	4600	G	2002	To			1	
\bigcirc	Combined Traffic:	12000	G		ALT From:	Salem Turnpike			
			7		11 460 Orange Ave	1.00	14000	G	2002
From:	7th St	0000		0000	To			1	
(11) Campbell Ave	0.47	6900	G	2002	ALT From:	10TH ST, Gainsboro Rd			
~	Combined Traffic:	11000	G		11 460 Orange Ave	0.90	17000	В	2002
To-	3rd St		1		To	I-581, US 220, ALT SR 220	1	1	
11 Campbell Ave	0.28	6800	G	2002	ALT From:)	<u> </u>	
(11) Sampson / No	Combined Traffic:			2002	11 460 Orange Ave	0.24	17000	N	2002
	Combined Trainc.	13000	G		To	US 11 Williamson Rd			
To- From:	US 221]		From:	Elm Ave		1	
11 Campbell Ave	0.05	7600	М	2002	Jamison Ave	0.42	12000	N	2002
\bigcirc	Combined Traffic:	12000	М		24 Jamison Ave	0.42	12000	IN	2002
To:	Williamson Rd		1		From:	6th St]	
From:	Campbell Ave				(₂₄) Jamison Ave	0.68	12000	G	2002
11 Williamson Rd	0.22	20000	G	2002		Combined Traffic:	24000	G	
To:	CI 1 1 A		7		Tu			7	
From:	Shenandoah Ave	40000		2002	From:	13th St 0.19	07000		0000
(11) Williamson Rd	0.15	19000	G	2002	24 Jamison Ave		27000	G	2002
To	I-581		1		10:	Dale Ave			
11 Williamson Rd	0.50	12000	G	2002	Dala Aus	Jamison Ave	00000	」	0000
· · ·	***************************************		7		24 Dale Ave	0.69	26000	G	2002
From:	US 460 Orange Ave	10000		0000	10:	ECL Roanoke			
(11) Williamson Rd	0.92	16000	G	2002	From:	6th St			
To:	Liberty Rd		1		24 Bullitt Ave	0.68	12000	G	2002
(11) Williamson Rd	0.51	17000	G	2002	(P)	Combined Traffic:	24000	G	
			-		To:	Jamison Ave		1	
From:	10th St				From:			1	
(11) Williamson Rd	1.27	18000	G	2002		SR 117 Peters Creek Rd	40000	」	2002
To	SR 101 Hershberger Rd		1		101 Hershberger Rd	1.34	10000	G	2002
11 Williamson Rd	0.11	21000	G	2002	To	SR 116 Cove Rd			
11)			7	_00_	(101) Hershberger Rd	0.58	28000	G	2002
From:	SR 118 Airport Rd		_					7	-
11 Williamson Rd	0.39	18000	G	2002	From:	I-581	0=000		000-
To:	NCL Roanoke		1		(101) Hershburger Rd	1.25	37000	G	2002
From:	Campbell Ave				To:	US 11 Williamson Rd			
11 13th St	0.25	4200	G	2002	From:	Orange Ave			
11 13th St				2002	(115) Hollins Road	1.02	7300	G	2002
To:	Combined Traffic:	12000	n M		To:	Liberty St		1	-
From	Salem Ave 13th St		1		From:	Hollins Rd			
Salem Ave	0.34	6900	G	2002	(115) Liberty Road	0.30	5100	G	2002
(F) Gaicin Ave				2002	To:	Plantation Rd		1	
	Combined Traffic:	12000	G		From:	Liberty Rd		1	
To: From:	9th St				(115) Plantation Road	0.88	9800	G	2002
11 Salem Ave	0.40	4200	G	2002	113			1	
(b)	Combined Traffic:	8900	G		From:	Hollins Rd			
		5500	7		(115) Plantation Road	0.66	18000	G	2002
From:	5th St		_		To:	NCL Roanoke			
Salem Ave	0.30	7000	G	2002	From:	SCL Roanoke			
·	Combined Traffic:	14000	G		(116) Mt Pleasant Blvd	0.70	7300	G	2002
To:	2nd St				То:	Riverland Rd		7	
•			-			14 CHAILA NA			

Class of Research Class of Research Tigh Rivertand Rd					City	of Roanoke				
116 Reverland Rd		Length	AADT	QA	Year	Route	Length	AADT	QA	Year
116 Reverland Rd	City of Roanoke	MT DI		1		City of Roanoke	CCL P. I		1	
Tits Riverland Pd			8600	J	2002	Franklin Rd		37000	l G	2002
Tight Revertance Rd	To Table 1			7	2002				1	2002
Pichard Pich	From:		7600		2002	Roy Webber Expwy			- G	2002
Title Pleadmont St	To:		7000	7 Ŭ	2002				,	2002
Wilter Annual Nave						Roy Webber Expuny		66000	G	2002
Tits Walmart Ave	116 Piedmont St		4600	G	2002	220 Noy Webber Expwy		00000		2002
116 Walnut Ave	From:			1		From			COO. L. 59	11
116 116 117 116 117 116 117 116 117 116 117 116 117 116 117 117 116 117 117 116 117	(116) Walnut Ave		5100	G	2002	(220)(581)) I
116 3efferson St	To:]		To		71000	1	
The combined Traffic: 178000 G Combined T	From:		40000]	2002	From:		S	See 1-58	:1
Title Titl	116 Jerrerson St		10000	ا ا	2002	(220) (581)				' '
116 221 Jefferson St 0.18 9000 G 2002	From: US 221		Gap T	1		Tax				
116				G	2002	730 (581)		Ş	l See I-58	11
Campbell Ave	To:	US 11		—		(220) (361)				
Combined Traffic: 12000 M Williamson Rd O.22 20000 G 2002	Companied Ave	0.05	7600	М	2002	To:			ı	
118			12000	М		220 (581)		5	i See 1-58	31
118	To: From:					(220) (301)	Combined Traffic:	58000	G	
Shenandosh Ave Covered Covered	116 11 Williamson Rd	•	20000	∟ G	2002	To:	SR 117 Peters Creek Rd			
118	To:						220 SR 419 South of Roane	oke		
116			19000	G	2002	(220) Franklin Rd	0.27	23000	G	2002
118	To:					Pug From:	Penarth Road		}	
US 11 US 460	116 (11) Williamson Rd		12000	G	2002		1.92	15000	G	2002
116	To:			1		To:	US 220 Roy Webber Evn		I	
1.581, US 220, ALT SR 220 170000 170000 170000 170000 170000 170000 170000 170000 170000 170000 170000				J				45000	1	2002
116 460 Orange Ave 0.90 17000 B 2002 116 460 Orange Ave 0.90 17000 B 2002 116 460 Orange Ave 0.100 14000 G 2002 116 460 Orange Ave 0.41 12000 G 2002 116 460 Melrose Ave 0.41 12000 G 2002 116 Lafayette Blvd 0.73 7100 G 2002 116 Cove Rd 0.72 14000 G 2002 117 Peters Creek Rd 0.46 23000 G 2002 117 Peters Creek Rd 0.48 23000 G 2002 117 Peters Creek Rd 0.87 18000 G 2002 117 Peters Creek Rd 0.82 21000 A 2002 117 Peters Creek Rd 0.63 8600 G 2002 118 Airport Rd 0.63 8600 G 2002 118 Airport Rd 0.101 11000 B 2002 119 Air Air	116 460 Orange Ave	0.24	17000	_ N	2002			15000	I G	2002
100 100				_		ALT From:			l	
116 460 Orange Ave 1.00 14000 G 2002 116 460 Orange Ave 1.00 14000 G 2002 116 460 Melrose Ave 0.41 12000 G 2002 116 Lafayette Blvd 0.73 7100 G 2002 116 Cove Rd 0.72 14000 G 2002 117 Peters Creek Rd 0.46 23000 G 2002 117 Peters Creek Rd 0.87 18000 G 2002 117 Peters Creek Rd 0.87 18000 G 2002 117 Peters Creek Rd 0.82 21000 A 2002 118 Airport Rd 0.63 8600 G 2002 118 Airport Rd 0.18 1000 G 2002 118 Airport Rd 0.10 11000 B 2002 118 Airport Rd 0.18 9000 G 2002 118 Airport Rd 0.10 11000 B 2002 118 Airport Rd 0.18 9000 G 2002 118 Airport Rd 0.10 11000 B 2002 118 Airport Rd 0.10 11000 B 2002 118 Airport Rd 0.10 11000 B 2002 119 Airport Rd 0.18 9000 G 2002 110 Cover Rd 0.18 9000 G 2002 110 Cover Rd 0.18 9000 G 2002 111 Cover Rd 0.10 11000 C 2002 112 Cover Rd 0.10 11000 C 2002 113 Airport Rd 0.10 11000 C 2002 114 Cover Rd 0.10 11000 C 2002 115 Cover Rd 0.10 11000 C 2002 116 Cover Rd 0.10 11000 C 2002 117 Cover Rd 0.10 11000 C 2002 118 Airport Rd 0.10 11000 C 2002 119 Cover Rd 0.10 11000 C 2002 110 Cover Rd 0.10 11000 C 2002 111 Cover Rd 0.10 11000 C 2002 112 Cover Rd 0.10 11000 C 2002 113 Airport Rd 0.10 11000 C 2002 114 Cover Rd 0.10 11000 C 2002 115 Cover Rd 0.10 11000 C 2002 116 Cover Rd 0.10 11000 C 2002 117 Cover Rd 0.10 0.10 0.10 0.10 118 Airport Rd 0.10 0.10	116 460 Orange Ave	0.90	1/000	_ В	2002				N	2002
Salem Tumpike O.49 4000 G 2002				-		70 To			1	
116	116 460 Orange Ave	1.00	14000	G	2002	\sim		40000	,	0000
Melrose Ave Cove Rd	From:	•		}_		220 460 Orange Ave	0.49	40000	G	2002
116 Lafayette Blvd	116 460 Melrose Ave	0.41	12000	G	2002		SR 115 Hollins Rd		 	
Cove Rd	From			}		220 460 Orange Ave	1.14	44000	G	2002
116 Cove Rd	116 Lafayette Blvd		7100	G T	2002	To From:	24th St		-	
116 Cove Rd 0.72 14000 G 2002	From:					<u> </u>		32000	G	2002
SK 101 Freishberger Rd	(116) Cove Rd		14000	G	2002	70. To			1	2002
117		SR 101 Hershberger Rd				~~~	•		j	
117	From							39000	G	2002
The content of the	(117)		15000	G G	2002		•			
117 Peters Creek Rd	From:					~~~~		13000]	2002
Time	117 Peters Creek Rd		23000	G	2002	221 Brambleton Ave		13000		2002
117 Peters Creek Rd 0.87 18000 G 2002 221 Main St 1.19 10000 G 2002 117 Peters Creek Rd 1.37 18000 G 2002 221 Main St 1.19 10000 G 2002 117 Peters Creek Rd 0.82 21000 A 2002 221 Elm Ave 0.46 9700 G 2002 118 Airport Rd 0.63 8600 G 2002 221 Elm Ave 0.30 11000 G 2002 2002 2002 20	To:	Hershburger Rd		1		Brambleton Ave		8900	<u> </u>	2002
To Cove Rd To Peters Creek Rd 1.37 18000 G 2002 To NCL Roanoke To NCL Roanoke To NCL Roanoke To Nous T	117 Peters Creek Rd		18000	G	2002	221 Brambleton Ave		0900	,	2002
117 Peters Creek Rd	To:	Cove Rd		1		Main St		40000	<u> </u>	2002
To From Str St Str St Str St Str St Str St Str St Str St Str St Str St Str St	117 Peters Creek Rd		18000	G	2002	221) Main St		10000		2002
117 Peters Creek Rd 0.82 21000 A 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 20	To:			1		From:		0700	<u> </u>	2002
NCL Roanoke VS 220 Franklin Rd US 21 Williamson Rd US 11 Williamson Rd US 11 Williamson Rd US 11 Williamson Rd US 221 Elm Ave US 220 Franklin Rd US 220 Frankli	117 Peters Creek Rd		21000	Α	2002	(221) EIIII Ave		9/00		2002
118 Airport Rd 0.63 8600 G 2002 To: SR 24 SR 116 SR 116 US 221 Bus P Combined Traffic: 0 G SR 24 SR 116 SR 116 US 221 Bus P Combined Traffic: 0 G SR 24 SR 116 SR 116 US 221 Bus P Combined Traffic: 0 G SR 24 SR 116 SR 116 US 221 Bus P Combined Traffic: 0 G SR 24 SR 116 SR 116 US 221 Bus P Combined Traffic: 0 G SR 24 SR 116 SR 116 US 221 Bus P Combined Traffic: 0 G SR 24 SR 116 SR 116 US 221 Bus P Combined Traffic: 0 G SR 24 SR 116 SR 116 US 221 Bus P Combined Traffic: 0 G SR 24 SR 116 SR 116 US 221 Bus P Combined Traffic: 0 G SR 24 SR 116 SR 116 US 221 Bus P Combined Traffic: 0 G SR 24 SR 116 SR 116 US 221 Bus P Combined Traffic: 0 G SR 24 SR 116 SR 116 US 221 Bus P Combined Traffic: 0 G SR 24 SR 116 SR 116 US 221 Bus P Combined Traffic: 0 G SR 24 SR 116 SR 116 US 221 Bus P Combined Traffic: 0 G SR 24 SR 116 SR 116 US 221 Bus P Combined Traffic: 0 G SR 116 US 221 Bus P Combined Traffic: 0]		From:		44000		2000
118 Airport Rd 0.63 8600 G 2002 Combined Traint. U G SR 24 SR 116 SR 116 US 221 Bus P Combined Traint. U G SR 24 SR 116 SR 116 US 221 Bus P Combined Traint. U G SR 24 SR 116 SR 116 US 221 Bus P Combined Traint. U G SR 24 SR 116 SR 116 US 221 Bus P Combined Traint. U G SR 24 SR 116 SR 116 US 221 Bus P Combined Traint. U G SR 24 SR 116 SR 116 US 221 Bus P Combined Traint. U G SR 24 SR 116 SR 116 US 221 Bus P Combined Traint. U G SR 24 SR 116 SR 116 US 221 Bus P Combined Traint. U G SR 24 SR 116 SR 116 US 221 Bus P Combined Traint. U G SR 24 SR 116 SR 116 US 221 Bus P Combined Traint. U G SR 24 SR 116 SR 116 US 221 Bus P Combined Traint. U G SR 24 SR 116 SR 116 US 221 Bus P Combined Traint. U G SR 24 SR 116 SR 116 US 221 Bus P Combined Traint. U G SR 24 SR 116 SR 116 US 221 Bus P Combined Traint. U G SR 24 SR 116 SR 116 US 221 Bus P Combined Traint. U G SR 116 US 221 Bus P Combined	From:	US 11 Williamson Rd			<u></u>	221 EITH Ave				∠002
To Municipal Rd From: SR 116 US 221 Bus P	(118) Airport Rd		8600	G	2002	То:		U	l G	
(118) Airport Rd 1.01 11000 B 2002 (221) Jefferson St 0.18 9000 G 2002	To:	Municipal Rd]		From:				
		1.01	11000	В	2002	(221) Jefferson St		9000	G	2002
	То:	NCL Roanoke				To:	US 11 Salem Ave			

				City	of Roanoke				
Route	Length	AADT	QA	Year	Route	Length	AADT	QA	Year
City of Roanoke	***************************************		1		City of Roanoke	*****			
~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	US 11 SALEM AVE	7000	٠.,	0000	North	US 460 Orange Ave	04000	J .	0000
(221) (11) Campbe		7600	M	2002	581	2.79	31000	Α	2002
_	Combined Traffic:	12000	_ М			Combined Traffic:	62000	Α	
To:	Williamson Rd				To:	SR 101 Hershberger Rd		<del></del>	
	SALEM AVE		J _	0000	North From:			_	0000
{221}{11} Williams	on Rd 0.22	20000	G	2002	581	1.75	29000	G	2002
To:	Shenandoah Ave		1			Combined Traffic:	58000	G	
(221) (11) Williams		19000	G	2002	To:	SR 117 Peters Creek Rd			
			7		South From: SR 24	4 Elm Ave; US 220 Webber	Expy		
From:	I-581				581)	0.77	32000	G	2002
{ 221 } { 11 } Williams	on Rd 0.50	12000	G	2002	901)	Combined Traffic:		G	
To:	RT 460 S		1				7 1000	, `	
(221)(460) Orange		40000	G	2002	South From:	US 11 Williamson Rd		<u> </u>	
(221)(400)			_		581)	0.45	36000	G	2002
From:	SR 115 Hollins Rd				361)	Combined Traffic:		G	
{ 221 }{ 460 } Orange /	Ave 1.14	44000	G	2002	<u> </u>	Combined Trainc.	70000	_	
To:	24th St		1		South From:	US 460 Orange Ave		<u> </u>	
221 460 Orange		32000	G	2002		2.90	31000	Α	2002
221 460 Orange	1.07	02000	_	2002	581				2002
To:	128-8055 King St		1			Combined Traffic:	62000	Α	
221 460 Orange	Ave 0.18	39000	G	2002	Courth From:	SR 101 Hershberger Rd		}	
To:	ECL ROANOKE				South	1.33	29000	G	2002
From:	US 221 Elm Ave				581				2002
Franklin Rd	0.40	9600	G	2002		Combined Traffic:	58000	G	
Franklin Rd				2002	10:	NCL Roanake			
To:	Combined Traffic:	0	G		From:	1US 221-P			
10.	US 221 SR 116 Jefferson S	τ			2nd St	0.23	NA	_	
From	US 220; Bus US 220 Franklin	Rd			To:	3US 11-P			
(419) Electric Rd	0.07	52000	G	2002	From:	Salem Ave			
To:	Roanoke County Line				1 2nd St, Gainsboro Ro	d 0.73	7700	G	2002
From:	ECL Salem		I		To:	Orange Ave			
Melrose Ave	0.65	18000	G	2002	From:			1	
460 Wellose Ave	0.05	10000	_	2002	O	Franklin St	44000	,	2002
To: From:	SR 117 Peters Creek Rd				(3) Wonju St	0.30	14000	G	2002
460 Melrose Ave	1.75	13000	G	2002	10.	Colonial Ave			
To:	24th St				From:	Williamson Rd			
460 Melrose Ave	0.41	12000	G	2002	(4) Kimball Ave	0.75	7900	G	2002
460 Wellose Ave	0.41	12000		2002	To	Orange Ave			
To: From:	Salem Turnpike		<u> </u>		From:	US 460			
(460) Orange Ave	1.00	14000	G	2002	Plantation Rd	0.33	NA	_	
To:	10th Ct. Cainahana D.I		7			0.55	IVA		
Oranga Ava	10th St, Gainsboro Rd	47000		2002	From:	Mohawk Ave		<u> </u>	
Orange Ave	0.90	17000	В	2002	5 Plantation Rd	0.82	7400	G	2002
From	I-581, US 220, ALT SR 220	)			To:	Liberty Rd		<u> </u>	
460 Orange Ave	0.24	17000	N	2002	From:	2Nd St			
To			L		6 Wells Ave	0.38	6200	G	2002
Fram:	US 11 Williamson Rd	40000		2002	6 Wells Ave	Williamson Rd	7200	7 T	_002
Orange Ave	0.49	40000	G	2002				<u> </u>	
To- From:	SR 115 Hollins Rd				From	Norfolk Ave	<b></b>	] _	
0range Ave	1.14	44000	G	2002	(7) Wise Ave	0.72	6700	G	2002
			7		To:	Vinton Ave			
From	24th St	00000	_	0000	From:	Riverland Rd			-
(460) Orange Ave	1.37	32000	G	2002	8 9Th St	0.21	6700	G	2002
To	128-8055 King St		<del></del>					7	
(460) Orange Ave	0.18	39000	G	2002	From:	0.1 S N&W RR			
ты	Roanoke County Line		7		(8) 9Th St	1.17	11000	G	2002
		ъ	+		To:	Tazewell Ave			
North From:	SR 24 Elm Ave; US 220 Webber			0000	From:	WCL Roanoke			
581	0.66		G	2002	(8001) Colonial Ave	1.16	12000	G	2002
	Combined Traffic:	71000	G		То:	Persinger Rd		7	
To:	US 11 Williamson Rd		1		From:	Persinger Road			
North From:					(8001) Colonial Ave	0.81	NA		
			_	0000	(8001) John Hai Ave	0.01			
	0.31	43000	G	2002	To:	Brandon Ava		1	
581	0.31 Combined Traffic:		G G	2002		Brandon Ave			

				C
Route	Length	AADT	QA	Year
itv of Roanoke	SCL Roanoke		1	
Yellow Mountain Rd	2.59	2200	G	2002
	. m. a.		1	
From:	Jefferson St	44000		0000
McClanahan St	0.48	11000	G	2002
To:	Franklin Rd			
From:	ECL Roanoke			
005) Bandy Rd	0.37	NA		
To: 128-80	09 Garden City Blvd			
From:	WCL Roanoke		1	
008) Salem Tnpk	1.35	7200	G	2002
To:	36Th St		1	
From: V	Vestwood Blvd			
008) Salem Tnpk	1.20	8800	G	2002
To:	24Th ST		1	
From:	ellow Mtn Rd			
	0.42	4700	G	2002
Garden City Blvd	0.72	4700	_	2002
To: From:	Ray Rd		<u> </u>	
009 Garden City Blvd	1.36	6800	G	2002
To: SR	116 Riverland Rd			
From:	WCL Roanoke			
010) Shenandoah Ave	2.13	12000	G	2002
J To:	24Th C4		7	
Shanandash Ava	24Th St	0000		2002
O10 Shenandoah Ave	0.77	9000	G	2002
From:	15Th St			
010) Shenandoah Ave	0.86	8800	G	2002
<u></u>	5Th St		1	
010) Shenandoah Ave	5Th St 0.29	5100	J G	2002
		3100	ו כ	2002
	Williamson Rd		<u> </u>	
<u> </u>	SCL Roanoke		]	
₀₁₁ ) Odgen Rd	0.55	9300	G	2002
To:	WCL Roanoke			
From:	SCL Roanoke			
013) Grandin Rd	1.11	NA		
To:	US 11			
From:	SR 419			
014) Grandin Rd	0.72	4700	G	2002
<u>.</u>		-	7	
From:	Mudlick Rd	0000	<u> </u>	0000
O14) Grandin Rd	0.97	2900	G T	2002
	Garst Mill Rd		<u> </u>	
From:	US 220 Bus			
₀₁₅ ) Franklin Rd	0.60	14000	G	2002
То:	Elm Ave			
<u> </u>	221; 1US 221-P Ga			
015) Tazwell Ave	0.14	NA	7	
	illiamson Road			
Tananall Aug	Williamson Rd	6000	J G	2002
015) Tazewell Ave	0.54	6000	G	2002
To: From:	9Th St		<u> </u>	
Tazewell Ave	0.34	4400	G	2002
To:	13Th St			
From: NCL F	Roanoke NCL Salem			
018) Green Ridge Road	1.23	NA		
<u> </u>			7	
O D-I	7 Peters Creek Road		<u> </u>	0000
Cove Rd	1.49	7500	G	2002
	Hershberger Rd			

noke				
Route	Length	AADT	QA	Year
City of Roanoke	1 100 0011 0 11 11		1	
Mud Liek I	128-8014 Grandin Rd	NIA	J	
Mud Lick I		NA	1	
From:	US 11 Brandon Ave Brandon Ave			
(8020) Edgewood		7700	G	2002
To-	Memorial Ave		1	
From:	Edgewood Ave			
(8020) Memorial A	ve 0.71	5600	G	2002
To:	Grandin Rd			
From:	Williamson Rd			
(8022) Hershberg	er Rd 0.60	11000	G	2002
To:	ECL Roanoke			
From:	Riverside Terrace			
8023) Bennington		12000	G	2002
To	Carlisle Ave		1	
From:	Carlisle Avenue			
(8023) Benningtor	St 1.37	NA	_	
To:	Norfolk Ave		1	
(8023) Hollins Rd	0.39	8600	G	2002
8023 TIOIIIII TO:	US 460 Orange Ave	0000	1	2002
From:	Hollins Rd			
(8023) Old Mounta		6300	G	2002
To:	NCL Roanoke 80-605		1	
From:	Memorial Ave			
(8024) Mountain V	/iew Terrace 0.49	420	G	2002
8024) Wodintain V	Chesterfield St	720	1	2002
From:	Mountain View Terrace			
(8024) Chesterfie		NA		
To-	128-8020 Chesterfield Street	et	1	
From:	McClanahan St		Ī	
(8025) Jefferson S		12000	G	2002
0023)			1	
From:	Reserve Ave	40000		0000
(8025) Jefferson S		13000	G	2002
	Walnut Ave			
From:	Franklin Ave			
(8027) Wonju St	0.27	14000	G	2002
To:	Colonial Ave			
From:	Boulevard St			
(8028) Patterson A	Ave 0.99	7600	G	2002
	13Th St		<b></b>	
8028) Patterson A		3700	G	2002
To:	Campbell St		1	
From:	Grandin Rd		ĺ	
8029 Brandon A		15000	J G	2002
8029 Brandon A	US 221 Brambleton Ave	.0000	1	2002
From:	Main St		1	
(8029) Brandon A		20000	G	2002
To:	Franklin Rd		<u></u>	
From:	24Th St			
(8030) Loudon St	1.23	2000	G	2002
200001 01	_		7	
From	10Th St	4000	<u> </u>	2022
(8030) Loudon St	0.43	1200	G T	2002
To:	5Th St		<u> </u>	
From	Dead End			
(8031) Maple Ave	0.36	NA	-	
To:	SR 116			
From:	Brambleton Ave			
(8032) Overland R	d 0.32	9500	G	2002
To:	Colonial Ave			

				City	of Roanoke				
Route	Length	AADT	QA	Year	Route	Length	AADT	QA	Year
City of Roanoke	F1 A		1		City of Roanoke	C NEL DI I			
	Elm Ave	5500	┙	0000	/ Kin or Ot	Gus Nicks Blvd	0000	1	0000
(8035) 5th St	0.37	5500	G	2002	8055 King St	1.46	9900	G	2002
To: From:	Salem Ave				10.	US 460		<u> </u>	
(8035) 5th St	0.78	8300	G	2002	From:	128-8008 Salem Turnpike			
To:	Orange Ave				(8057) Westside B	lvd 0.65	NA		
From:	Wonju Ave		1		To:	US 460		<b></b>	
(8036) Broadway Ave	0.23	3600	G	2002	(8057) Westside B		NA		
(8030) 2. Gaarray 7.110			,		To:	SR 101		1	
From:	Franklin Rd				From:				
(8036) Broadway Ave	0.47	7900	G	2002	<u>L</u>	Centre Ave		]	0000
To:	McClanahan St				17th St		200	G	2002
From:	Williamson Rd				10:	Loudon Ave		<u> </u>	
(8038) Fleming Ave	0.87	1500	G	2002	From:	Edgerton Ave		]	
To:	Plantation Rd				18th St		120	G	2002
From:	Mountain View Terrace		1		To:	Riverdale Rd			
(8039) Bridge St	0.45	3100	G	2002	From:	Orange Ave			
To:	Patterson Ave	0.00	٦Ŭ	2002	19th St		2400	G	2002
From:			1		To:	Hanover Ave		1	
$\bigcirc$ - $\Box$	Franklin Rd			0000	From:			<del></del>	
(8040) Reserve Ave	0.37	5900	G	2002	25Th St	Baker Ave	980	J G	2002
O In	Jefferson St				ZOTITOL	Contro Avo	300	ו	2002
From:	Campbell Ave					Centre Ave			
(8041) 10th St	0.62	9100	G	2002	From:	Centre Ave		]	
To:	Gilmer Ave		<b></b>		5th St		4000	G	2002
(8041) 10th St	0.51	11000	G	2002	To:	Moorman Rd			
(8041) 10th St	0.31	11000	_	2002	From:	Dale Ave			
From:	Rugby Blvd		_		7Th St		640	G	2002
(8041) 10th St	0.58	10000	G	2002	To	Stewart Ave		1	
To	I-581 Overpass		1		From:	River Ave			
(8041) 10th St	0.56	6400	G	2002	9Th St	Rivei Ave	7500	G	2002
To:	Williamson Rd	0.00	٦Ŭ	2002	To:	Industry Ave	7300	1	2002
From:			1		·	•			
<u> </u>	Dead End	NIA	_		From:	White Oak Rd		]	
8042) Belleview Ave	0.61	NA	-		Avenham A		270	G	2002
From:	SR 116 Gap Terminus Walnut SR 116 Mt Pleasant Blvd	Ave			To:	Clydesdale St		<u> </u>	
	0.57	1500	」 G	2002	From:	Windsor Rd			-
(8042) Rutrough Rd	ECL Roanoke	1300	٦ ٦	2002	Barnhill Ln		80	G	2002
_			1		To:	Grandin Rd			
From:	Patterson Ave		╛		From:	Clyde St			
8045) 24th St	0.16	11000	G	2002	Dunkirk Ave	•	1400	G	2002
To: From:	Salem Ave		7		To:	Cline St		1	
(8045) 24th St	0.25	14000	G	2002	From:	Cove Rd		<del></del>	
	Dolog Avia				Fairhope Ro		1600	J G	2002
8045) 24th St	Baker Ave 0.41	11000	G	2002	ганноре ко то:		1000	1	2002
8045) 24th St	Melrose Ave	1 1000	٦	2002		Appleton Ave		<u> </u>	
<u> </u>			<u> </u>		From:	Memorial Ave		]	
From:	Bennington St				Fauquier St		3500	G	2002
(8048) Riverland Rd	0.78	1500	G	2002	To:	Denniston Ave		<u> </u>	
To:	ECL Roanoke				From:	Plantation Rd			
From:	Orange Ave				Fleming Ave	e	1700	G	2002
(8050) Gus Nicks Blvd	0.70	20000	G	2002	To:	Bohon St			
To:	SCL Roanoke				From:	Olive Ave			
From:	Orange Ave				E Forest Park		1800	G	2002
<u> </u>	0.35	6100	」 G	2002	To:	Alder St	.500	1	_002
8053) Burwell St	Liberty Rd		٦Ť	_002	From:				
From:	Burrell St				L	Collingwood St	4000	1	0000
8053) Liberty Rd	0.74	4700	G	2002	Fugate Rd	_	1300	G	2002
100001	J 1	•	_		To	Luray St		<u> </u>	
<u> </u>									
From:	Williamson Rd	400-	᠆	000-	From:	Kenwood Blvd		]	
(8053) Liberty Rd	Williamson Rd 0.40 Plantation Rd	4900	G	2002	Greenbrier <i>I</i>		520	G G	2002

Route	Length	AADT	QA	Year
From:	Hershberger Rd	אאר	<u> </u>	ı cai
Hazelridge F		410	G	2002
To:	Vincient Ave			
From:	Dogwood Ln S			_
Heritage Rd		240	G	2002
To:	Dogwood La N			
From:	Hershberger Rd			
Hildebrand F		2500	G	2002
To	Whitney Ave			
From:	Garden City Blvd	400	]	0000
Hillview Ave		100	G 1	2002
From:	Ventnor Rd		<u> </u>	
Langdon Rd	Lansing Dr	180	J G	2002
Languon Ru	Fairway Dr	100	1	2002
From:	Hollins Rd			
Liberty Rd	Hollins Rd	120	G	2002
To:	Norton Ave		1	
From:	Oakland Ave			
Maplelawn A		250	G	2002
To:	Link St			
From:	Brook Run Dr			
Meadow Rui	n Dr	120	G	2002
To:	Spring Tree Dr			
From:	Northwood Dr			
Meadowbroo		720	G	2002
To	Sloan Rd			
From:	King St		1	
Mecca St	D.II. A	970	G 1	2002
	Belle Ave		<u> </u>	
Melcher St	Yellow Mt Rd	150	J G	2002
IVIEICHEI St	Carico Ave	150	1	2002
From:				
Monroe St	Vermont Ave	470	J G	2002
To:	Main Ave		1	2002
From:	Old Mountain Rd			
Monterey Ro		180	G	2002
To:	Dead End			
From:	Morningside St			
Montrose Av	<i>r</i> e	1300	G	2002
To:	11Th St			
From:	Winsloe Dr			
Oaklawn Ave		5600	G	2002
To:	Hazelridge Rd			
From:	Colonial Ave		]	
Persinger Re		2100	G 1	2002
	Bluefield Blvd		L	
Portland Av	Cove Rd	530	J G	2002
FOILIANU AV	Oleva St	330	1	2002
From:				
Ray Rd	New Spring Branch Rd	140	J G	2002
To:	Dead End		1	
From:	Gun Club Rd			
Renfro Blvd	Jul 0100 100	120	G	2002
To:	Pilot St			
		·	_	_

Route	Length	AADT	QA	Year
From:	Mabry Ave			
Reynolds Rd		900	G	2002
To:	ECL Roanoke		]	
From:	Cannaday Rd			
Richard Ave		910	G	2002
To:	Mecca St			
From:	Mississippi Ave			
Ridgefield St		300	G	2002
To	Norton Ave			
From:	Burks St			
Roanoke Ave		480	_ G	2002
To:	Byrne St			
From:	19Th St			
Salem Ave		2800	G	2002
To·	20Th St			
From:	Rosewood Ave			_
Sweetbrier Ave		200	G	2002
To:	Brambleton Ave			
From:	East of Deyerle Rd			
Valentine Ave		180	G	2002
To:				
From:	Eanes Rd			
Ventnor Rd		460	G	2002
To:	Hillview Ave			
From:	Omar Ave		]	
Vinyard Ave		20	G	2002
To:	Atherly St			
From:	Comer St			
Virginia Ave		10	G	2002
To:	Dead End			
From:	Woodbury St			
Whitney Ave		540	G	2002
To:	Winsloe Dr			
From:	Shadblow La			
Willow Oak Dr		220	G	2002
To:	Winterberry La			
From:	Edgewood St			
Windsor Ave		700	G	2002
To:	Derwent Dr		1	